LUMINARY Memo #158

To: Distribution
From: B. McCoy, D. Densmore
Date: 18 June 1970
Subject: Revision 163-173

Revision 173 of LUMINARY was released for manufacture on June 15, 1970. The re-released revision contained corrections to the following items:

1) ACB L20. Output scaling was corrected (.5571 E-4 B18); input scaling was changed to be consistent.

2) PCR 988. Restart return point in P66 was moved.

3) PCR 896. Check to avoid early processing of radar velocity data was added.

4) PCR 1012. The erasable call TOOFEW was moved to an unshared location (1354).

5) L-1C-01. Restart bug in S40.8 was corrected by changing the return logic.

In addition, the following items were implemented:

1) PCN 1048. Code was added to P34 to initialize ELEV (R2 of N55) to zero. A block of erasables, including ELEV, was moved, eliminating the problem of ELEV and YDOT sharing.

2) PCR 1052. A correction for spurious throttle acceleration in P66 due to the offset of the IMU from the center of gravity was implemented by multiplying the pitch rate by the offset distance.

3) ACB L-27. Coding was changed so as to provide 3 more locations in Bank 05.